UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,415	07/07/2003	Ho-Won Jung	678-1198	7470

66547　7590　06/04/2007

THE FARRELL LAW FIRM, P.C.
333 EARLE OVINGTON BOULEVARD
SUITE 701
UNIONDALE, NY 11553

EXAMINER
HUYNH, CHUCK

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
06/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>05 March 2007</u>.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-18</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-18</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   The Art Unit location of your application in the USPTO has changed. To aid in

correlating any papers for this application, all further correspondence regarding this

application should be directed to Art Unit 2617.

Response to Arguments

1.   Applicant's arguments filed 3/05/2007 have been fully considered but they are

not persuasive.

Regarding claims 1 and 8, Applicant argued that Tuli does not disclose the PDA

interacting directly with the web page, but is fed a bit map with which the PDA responds.

2.   In response to applicant's argument that the references fail to show certain .

features of applicant's invention, it is noted that the features upon which applicant relies

(i.e., the PDA interacting <u>directly</u> with the web page) are not recited in the rejected

claim(s). Although the claims are interpreted in light of the specification, limitations from

the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26

USPQ2d 1057 (Fed. Cir. 1993).

Furthermore, regarding claims 1 and 8, Applicant argues that either Tuli or

Brisebois or the combination thereof, discloses storing a start position of a display area

and/or using the start position when displaying a revisited web page.

Examiner would like to further point out that Tuli in view of Brisebois does

disclose storing a start position of a display area and/or using the start position when

displaying a revisited web page (Col 4, lines8-39; Specifically, Col 4, line 62 – Col 5,

line13).

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

2.   **Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over**

Tuli (US 2004/0139208) in view of Brisebois et al. (US 6219679).

Regarding claim 1, Tuli discloses a mobile terminal (PDA- Abstract), comprising:

a display unit (well known in a PDA)

a memory for storing previous display information of a web page previously

visited by a user (Abstract); and

a controller detecting the previous display information of the web page from the

memory and displaying the web page utilizing the previous display information when the

web page is re-visited, wherein the previous display information of the web page

includes a start position of a display area of the revisited web page and the start

position corresponds with a start position of a last viewed display area of the web page

at a time of a previous visit to the web page (Page 11, [0077-0078]).

Tuli discloses all the particulars of the claim, but is unclear on where the previously scrolled position of the webpage is displayed when revisited.

However, Briseboise does disclose that the previously viewed web page's scrolled position is bookmaked and saved and is display when revisited (Col 1, lines 54-66; Col 2, lines 37-44; Col 5, lines 49-53; Col 6, lines 23-34; Col 4, lines8-39; Specifically, Col 4, line 62 – Col 5, line13).

It would have been obvious to one ordinarily skilled in the art at the time of invention to incorporate Briseboise's disclosure to alleviate from repetitive scrolling each time revisiting a web page (Col 1, lines 45-49).

Regarding claim 2, Tuli discloses the mobile terminal as set forth in claim 1, wherein the previous display information includes:

a uniform resource locator (URL) of the web page (Page 11, [0077]);

display-information collection time information (Page 2, [0012]); and

position information of a display area, to be displayed on a display unit (Page 1, [0004]).

Regarding claim 3, Tuli discloses the mobile terminal as set forth in claim 2, wherein the previous display information further includes form-input information contained in the web page (Page 10, [0071-0072]; Page 11, [0077-0078]).

Regarding claim 4, Tuli discloses the mobile terminal as set forth in claim 2, wherein the controller detects the previous display information of the web page from the memory compares a current time with the display-information collection time of the detected previous display information, and displays the web page utilizing the previous display information only if the current time has not exceeded a preset valid time after the display-information collection time (Page 2, [0012]; Page 10, [0070]; Page 12, [0081]; Page 13, [0082-0083]).

Regarding claim 5, Tuli disclose the mobile terminal as set forth in claim 1, wherein the controller collects display information of a currently displayed web page if a web-page turning command is input, and stores the collected display information in the memory (Page 11, [0077]).

Regarding claim 6, Tuli does disclose the mobile terminal as set forth in claim 1, wherein the controller collects display information of a currently displayed web page if an Internet termination command is input, and stores the collected display information in the memory (Page 11, [0077]).

Regarding claim 7, Tuli discloses the mobile terminal as set forth in claim 1, wherein the controller periodically checks display-information collection time information previously stored in the memory and deletes corresponding display information when a current time has exceeded a preset valid time (Page 2, [0012])

Regarding claim 17, Tuli does disclose the mobile terminal as set forth in claim 1,
wherein the controller further determines whether the previous display information is
applicable, (Examiner interprets the determining applicability to be determining whether
the correct previous display page) (Page 11, [0077]).

Regarding claim 8, Tuli discloses a method for displaying a web site on a mobile
terminal (PDA) (Page 11, [0077]) comprising the steps of:

(a) loading a web page if a user accessing a wireless Internet requests the
mobile terminal to visit the web page (Page 11, [0077-0078]); and

(b) detecting previous display information of the loaded web page from an
internal memory of the mobile terminal and displaying the loaded web page utilizing the
previous display information, wherein the previous display information of the web page
includes a start position of a display area of the web page and the start position
corresponds with a start position of a last viewed display area of the web page at a time
of a previous visit to the web page (Page 11, [0077-0078]).

Tuli discloses all the particulars of the claim, but is unclear on where the
previously scrolled position of the webpage is displayed when revisited.

However, Briseboise does disclose that the previously viewed web page's
scrolled position is bookmaked and saved and is display when revisited (Col 1, lines 54-

66; Col 2, lines 37-44; Col 5, lines 49-53; Col 6, lines 23-34; Col 4, lines8-39;

Specifically, Col 4, line 62 – Col 5, line13).

It would have been obvious to one ordinarily skilled in the art at the time of

invention to incorporate Briseboise's disclosure to alleviate from repetitive scrolling each

time revisiting a web page (Col 1, lines 45-49).

Regarding claim 9, Tuli disclose the method as set forth in claim 8, further

comprising the step of:

(c) collecting display information of a currently displayed web page in response to

a web-page turning command for the displayed web page and storing the collected

display information in the internal memory of the mobile terminal (Page 11, [0077]).

Regarding claim 10, Tuli discloses the method as set forth in claim 9, wherein the

display information includes:

a uniform resource locator (URL) of the web page (Page 11, [0077]);

display-information collection time information (Page 2, [0012]); and

position information of a display area, to be displayed on a display unit (Page 1,

[0004]).

Regarding claim 11, Tuli discloses the method as set forth in claim 10, wherein

the display information further includes form-input information contained in the web

page (which the examiner interpreted the claim as claiming the display information to

contain inputted information on the web page) (Page 10, [0071-0072]; Page 11, [0077-0078]).

Regarding claim 12, Tuli disclose he method as set forth in claim 8, further comprising the step of:

(d) collecting display information of a currently displayed web page in response to a wireless Internet termination command, and storing the collected display information in the internal memory of the mobile terminal (Page 11, [0077]).

Regarding claim 13, Tuli discloses the method as set forth in claim 12, wherein the display information includes:

a uniform resource locator (UR1,) of the web page (Page 11, [0077]);

display-information collection time information (Page 2, [0012]); and

position information of a display area, to be displayed on a display unit (Page 1, [0004]).

Regarding claim 14, Tuli discloses the method as set forth in claim 13, wherein the display information further includes form-input information contained in the web page (Page 10, [0071-0072]; Page 11, [0077-0078]).

Regarding claim 15, Tuli discloses the method as set forth in claim 8, wherein step (b) further comprises the steps of:

b-1) comparing a current time with a display information collection time of the detected display information (Page 2, [0012]); and

b-2) displaying the loaded web page utilizing the display information only if the current time has not exceeded a preset valid time after the display information collection time (Page 10, [0070]; Page 12, [0081]; Page 13, [0082-0083]).

Regarding claim 16, Tuli discloses the method as set forth in claim 8, further comprising the step of:

(e) periodically checking display-information collection time information previously stored in the internal memory of the mobile terminal and deleting corresponding display information when a current time has exceeded a preset valid time (Page 2, [0012]; Page 10, [0070]; Page 12, [0081]; Page 13, [0082-0083]).

Regarding claim 18, Tuli discloses the method as set forth in claim 8, further comprising the step of determining whether the previous display information is applicable, and wherein the step of displaying the loaded web page utilizing previous display information (the saved information from previous visit) (Page 11, [0077]) when the web page is re-visited, is based upon the determination of whether the previous display information is applicable (applicability is interpreted to be if the web page was accessed before and displaying the saved information from last visit (Page 11, [0077-0078])

Conclusion

3.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Chuck Huynh whose telephone number is 571-272-

7866. The examiner can normally be reached on M-F 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Duc Nguyen can be reached on 571-272-7503. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Chuck Huynh

DUC M. NGUYEN
SUPERVISORY PRIMARY EXAMINER
TECHNOLOGY CENTER 2600